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## **In the Claims**

- 1.(currently amended) A rotary hydraulic machine having a housing, a rotating group located within said housing and including a plurality of variable capacity chambers defined between pistons slideable within respective cylinders, said pistons being displaceable relative to said cylinders upon rotation of said barrel to vary the volume of said chambers and thereby induce a flow of fluid through said chambers from an inlet port to an outlet port as said rotating group rotates, an adjustment assembly including an actuator operating upon said rotating group to adjust the stroke of said pistons in said cylinder and thereby adjust the capacity of said machine, a fluid supply for said actuator and a control valve interposed between said fluid supply and said actuator to control flow to said actuator, said fluid supply including a pressurized fluid source derived from one of said ports, a hydraulic accumulator to store pressurized fluid from said source and apply stored fluid to said control valve and a check valve between said accumulator and said source to inhibit flow from said accumulator to said source upon reduction of pressure at said source below that of said accumulator whilst maintaining the application of stored fluid to said control valve.
- 2. (previously presented) A rotary hydraulic machine according to claim 1 wherein said control valve is a closed centre valve and is moveable from a centered position in which flow to and from said actuator is inhibited to a first position in which flow to said actuator from said accumulator is permitted and to a second position in which flow from said actuator to a drain is permitted.
- 3. (original) A rotary hydraulic machine according to claim 2 wherein a pair of actuators are utilized in said adjustment assembly and when said valve is in said first position, to one of said actuators is connected through said valve to said accumulator and the other

of said actuators is connected to drain, and, when said valve is in said second position,

said one of said actuators is connected to drain and said other of said actuators is

connected through said valve to said accumulator.

4.(original) A rotary hydraulic machine according to claim 3 in which each of said

actuators is single acting.

5.(original) A rotary hydraulic machine according to claim 4 wherein each of said

actuators is a linear actuator having a piston displaceable within a cylinder.

6.(original) A rotary hydraulic actuator according to claim 5 wherein each of said

actuators includes a spring to bias said actuator to a maximum capacity.

7.(original) A rotary hydraulic actuator according to claim 6 wherein said one of said

springs has a greater bias than the other to move said adjustment assembly to a

position of maximum capacity in the absence of pressurized fluid in said accumulator.

8.(original) A rotary hydraulic machine according to claim 1 wherein said accumulator

includes a piston displaceable within a cylinder by application of fluid pressure against a

spring bias.

9.(original) A rotary hydraulic machine according to claim 8 wherein a stop is provided

to limit displacement of said piston and thereby limit the force applied by said spring.

10.(original) A rotary hydraulic machine according to claim 9 wherein said spring is a

mechanical spring located within said cylinder.

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11.(original) A rotary hydraulic machine according to claim 10 wherein said spring is a

coil spring and said stop is located within said cylinder and extends through said coil

spring.

12.(original) A rotary hydraulic machine according to claim 1 wherein said valve and

said accumulator are each located in respective bores in said housing and are

interconnected by an internal gallery.

13. (cancelled)

14. (currently amended) A rotary hydraulic machine according to claim [[13]] 12

wherein said one of said ports is connected by an internal bore to said accumulator and

said check valve is located in said internal bore.

15.(original) A rotary hydraulic machine according to claim 14 wherein said internal

bore is connected to said internal gallery to provide fluid to both said accumulator and

said valve.

16.(original) A rotary hydraulic machine according to claim 15 wherein said valve is a

closed centre valve to inhibit flow of fluid through said valve in the absence of a control

signal to adjust said stroke of said pistons.

17.(original) A rotary hydraulic machine according to claim 16 wherein said adjustment

assembly includes a pair of actuators and said valve operates to supply fluid to one of

said actuators from said source and connect the other of said actuators to a drain.

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18. (currently amended) A rotary hydraulic machine having a housing, a rotating group located within said housing and including a plurality of variable capacity chambers defined between pistons slideable within respective cylinders, said pistons being displaceable relative to said cylinders upon rotation of said barrel to vary the volume of said chambers and thereby induce a flow of fluid through said chambers from an inlet port to an outlet port as said rotating group rotates, an adjustment assembly including a pair of actuators operable upon said rotating group to adjust the stroke of said pistons in said cylinder and thereby adjust the capacity of said machine, a fluid supply for said actuators, and a control valve interposed between said fluid supply and said actuator to control flow to said actuators, said fluid supply including a pressurized fluid from said source, a hydraulic accumulator to store pressurized fluid from said source and apply stored fluid to said control valve and a check valve to inhibit flow from said accumulator to said source upon reduction of pressure at said source below that of said accumulator whilst maintaining the application of stored fluid to said control valve, each of said actuators being single acting and having a spring to bias respective ones to said actuators to a maximum capacity with one of said springs having a greater bias than the other to move said adjustment assembly to a position of maximum capacity in the absence of pressurized fluid at said source control valve.

19.(previously presented) A rotary hydraulic machine according to claim 18 wherein said pressurized fluid source is derived from one of said ports.

20.(previously presented) A rotary hydraulic machine having a housing, a rotating group located within said housing and including a plurality of variable capacity chambers defined between pistons slideable within respective cylinders, said pistons being displaceable relative to said cylinders upon rotating of said barrel to vary the volume of said chambers and thereby induce a flow of fluid through said chambers from

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an inlet port to an outlet port as said rotating group rotates, an adjustment assembly

including an actuator operable upon said rotating group to adjust the stroke of pistons in said cylinder and thereby adjust the capacity of said machine, a fluid supply for said

actuator and a control valve interposed between said fluid supply and said actuator to

control flow to said actuator, said fluid supply including a pressurized fluid source, a

hydraulic accumulator to store pressurized fluid from said source and a check valve

between said accumulator and said source to inhibit flow from said accumulator to said

source upon reduction of pressure at said source below that of said accumulator, said

valve and said accumulator each being located in respective bores in said housing and

interconnected by an internal gallery.

21.(previously presented) A rotary hydraulic machine according to claim 20 wherein

said control valve is a closed centre valve and is moveable from a centered position in

which flow to and from said actuator is inhibited to a first position in which flow to said

actuator from said accumulator is permitted and to a second position in which flow from

said actuator to a drain within said housing is permitted.

22. (previously presented) A rotary hydraulic machine according to claim 21 wherein a

pair of actuators are utilized in said adjustment assembly and when said valve is in said

first position, to one of said actuators is connected through said valve to said

accumulator and the other of said actuators is connected to drain, and, when said valve

is in said second position, said one of said actuators is connected to drain and said

other of said actuators is connected through said valve to said accumulator.

23.(previously presented) A rotary hydraulic machine according to claim 22 wherein

said pressurized fluid supply is derived from said ports.

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24.(previously presented) A rotary hydraulic machine according to claim 23 wherein

said one of said ports is connected by an internal bore to said accumulator and said

check valve is located in said internal bore.

25.(previously presented) A rotary hydraulic machine according to claim 24 wherein

said internal bore is connected to said internal gallery to provide fluid to both said

accumulator and said valve.

26.(previously presented) A rotary hydraulic machine according to claim 25 wherein

said valve is a closed centre valve to inhibit flow of fluid through said valve in the

absence of a control signal to adjust said stroke of said pistons.

27.(previously presented) A rotary hydraulic machine according to claim 26 wherein

said adjustment assembly includes a pair of actuators and said valve operates to supply

fluid to one of said actuators from said source and connect the other of said actuators

to a drain.

28.(previously presented) A rotary hydraulic machine according to claim 27 wherein

said actuators are located in respective bores in said housing and internal galleries

connect said actuators and said valve.